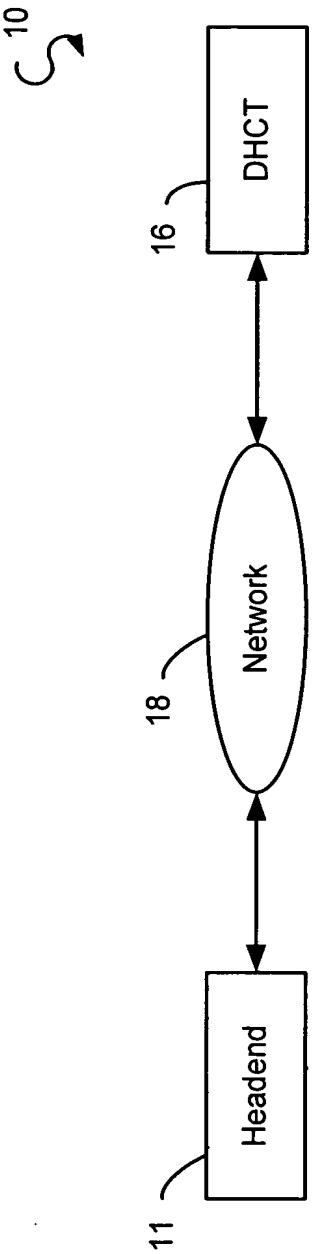
FIG. 1



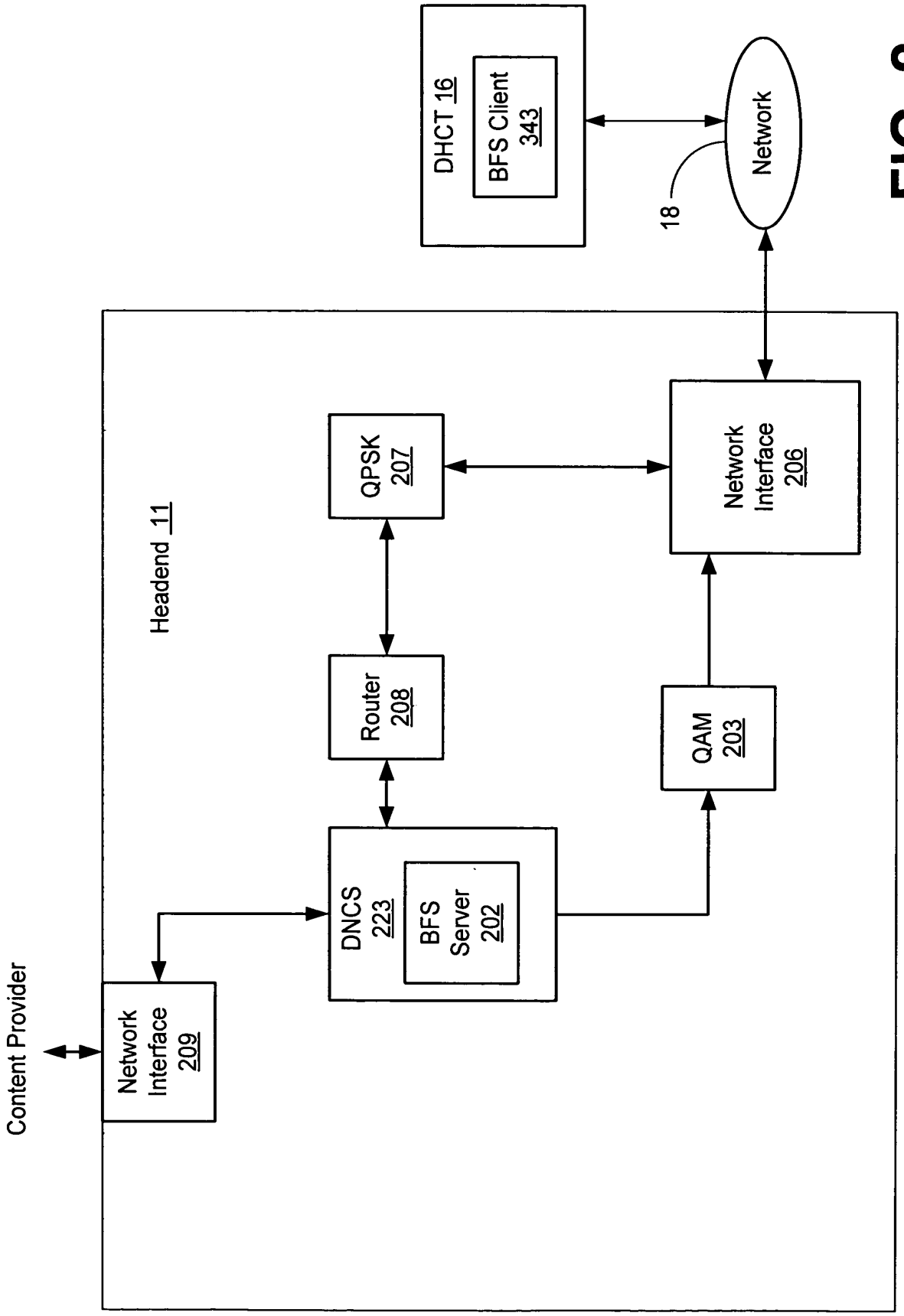

DHCT 16
BFS Client 343
18
Network
Headend 11
QPSK 207
Network Interface 206
Router 208
QAM 203
DNCS 223
BFS Server 202
Network Interface 209
Content Provider

FIG. 2

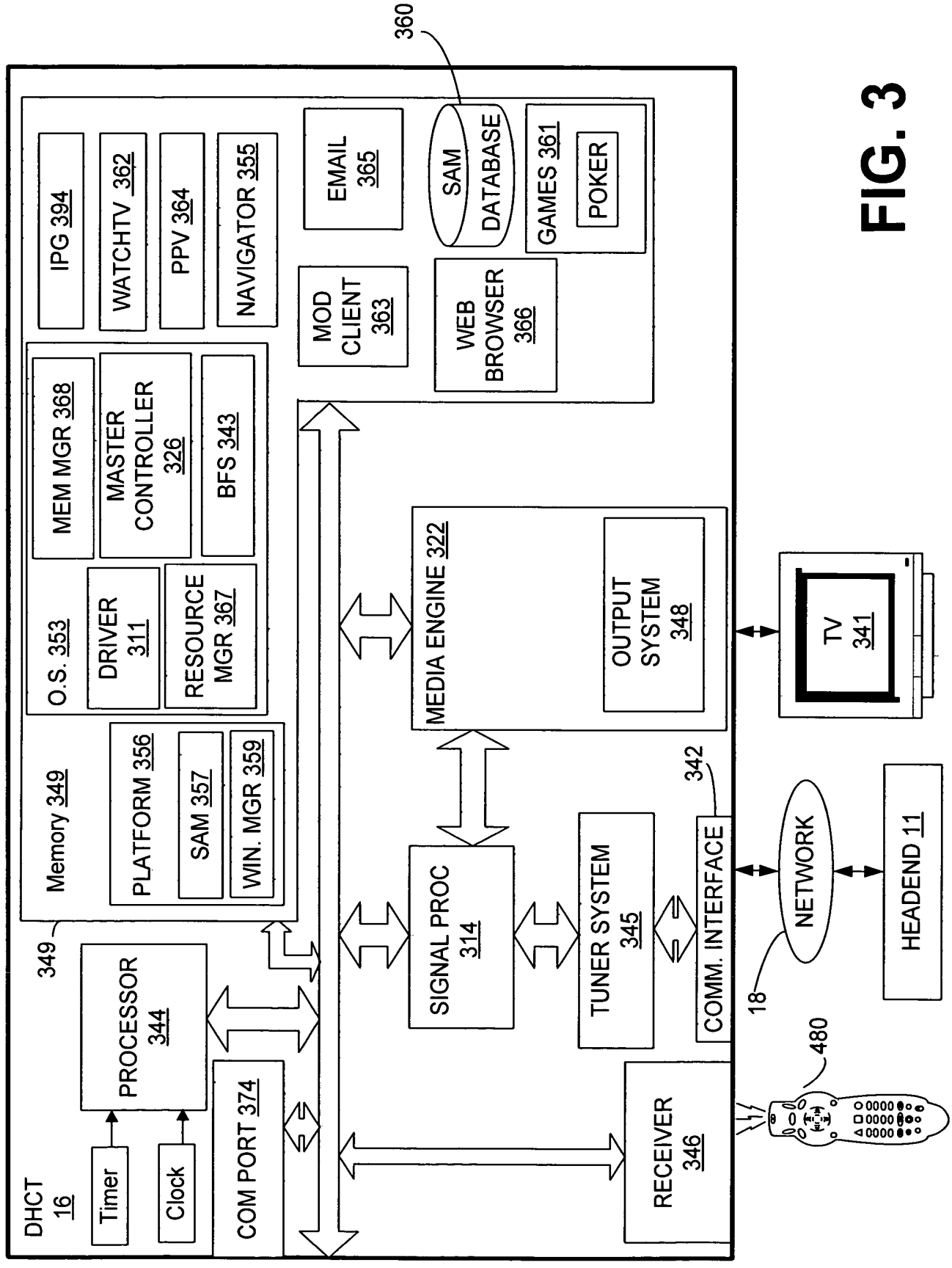
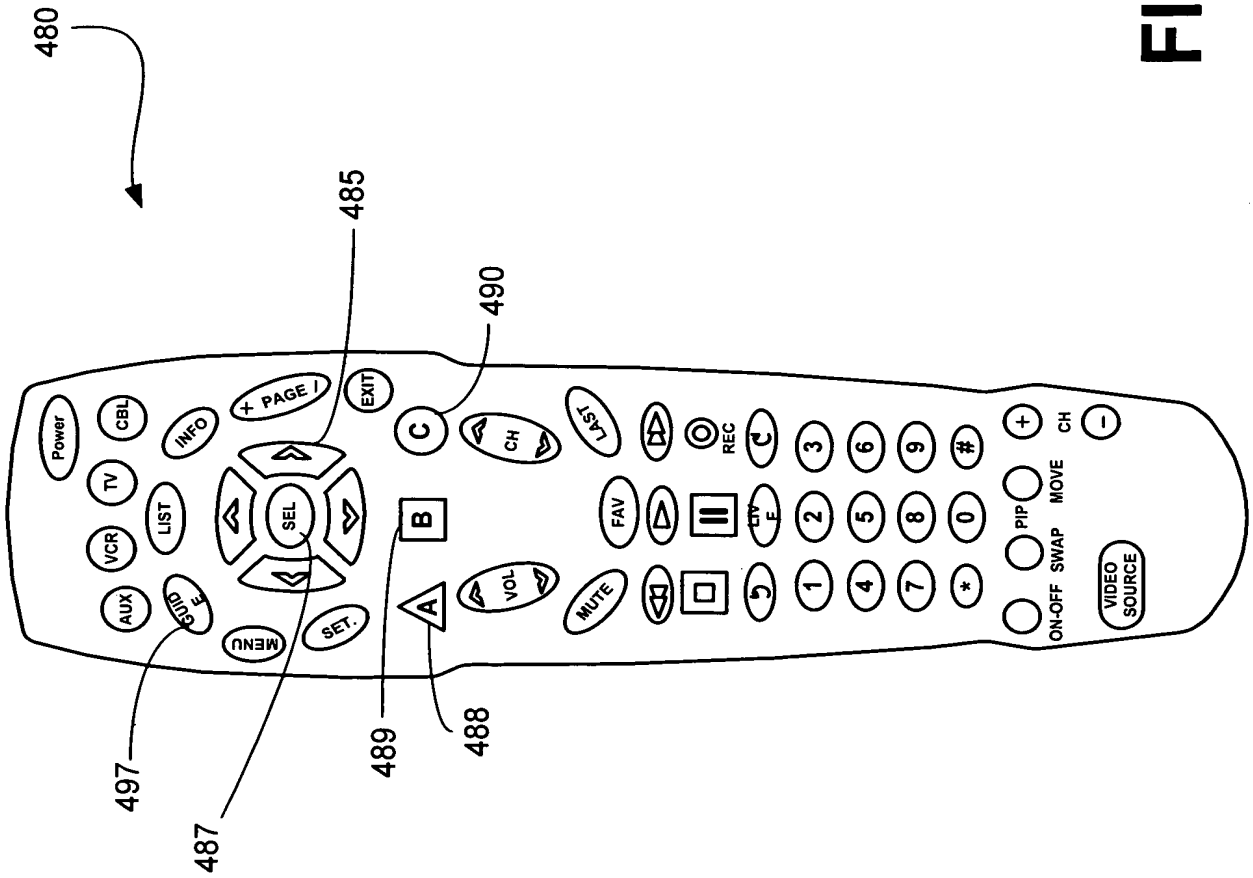

360
IPG 394
WATCHTV 362
PPV 364
NAVIGATOR 355
EMAIL 365
SAM DATABASE
GAMES 361
POKER
MOD CLIENT 363
WEB BROWSER 366
MEM MGR 368
MASTER CONTROLLER 326
BFS 343
O.S. 353
DRIVER 311
RESOURCE MGR 367
MEDIA ENGINE 322
OUTPUT SYSTEM 348
TV 341
Memory 349
PLATFORM 356
SAM 357
WIN. MGR 359
342
349
PROCESSOR 344
SIGNAL PROC 314
TUNER SYSTEM 345
COMM. INTERFACE
NETWORK
HEADEND 11
18
480
DHCT 16
Timer
Clock
COM PORT 374
RECEIVER 346

FIG. 3

FIG. 4


480
485
490
497
487
489
488
Power
CBL
TV
VCR
AUX
INFO
LIST
GUIDE
MENU
PAGE
EXIT
SEL
SET.
C
B
A
CH
VOL
LAST
MUTE
FAV
REC
DTV
PIP
MOVE
SWAP
ON-OFF
VIDEO SOURCE
CH

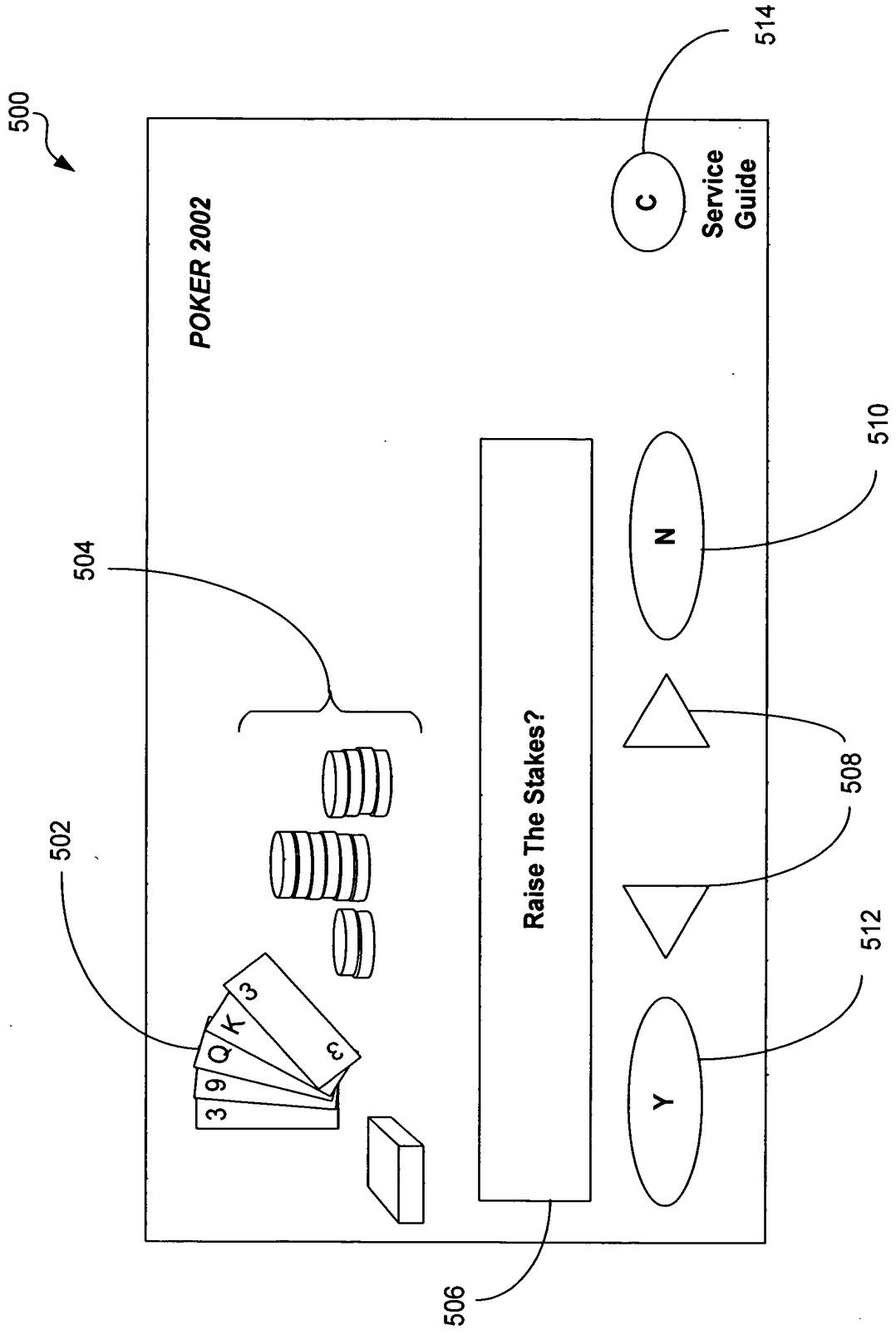

500
514
C
Service Guide
POKER 2002
510
N
504
Raise The Stakes?
508
502
512
Y
506

FIG. 5

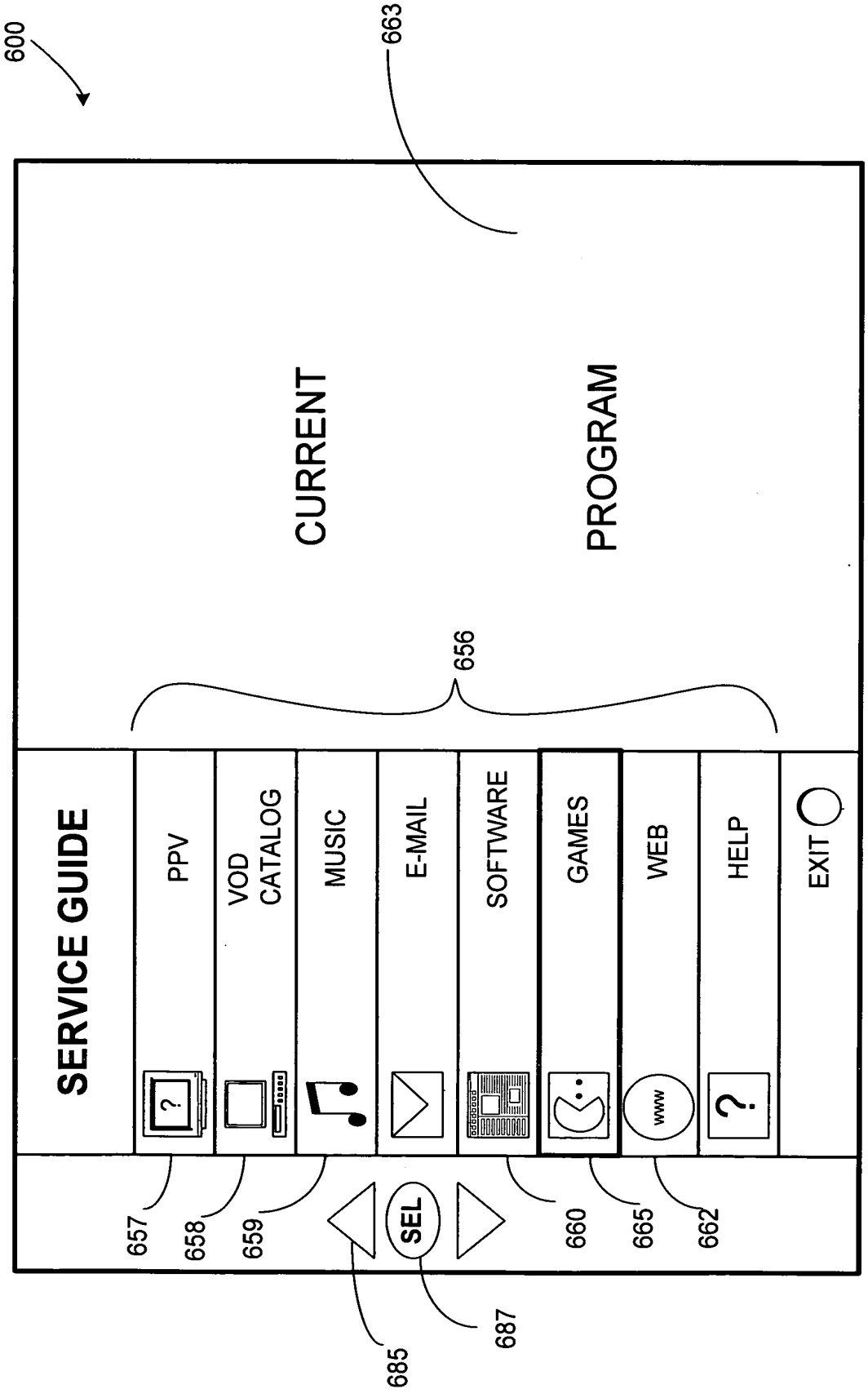

600
663
CURRENT
PROGRAM
656
SERVICE GUIDE
PPV
VOD CATALOG
MUSIC
E-MAIL
SOFTWARE
GAMES
WEB
HELP
EXIT
SEL
657
658
659
660
665
662
685
687

FIG. 6

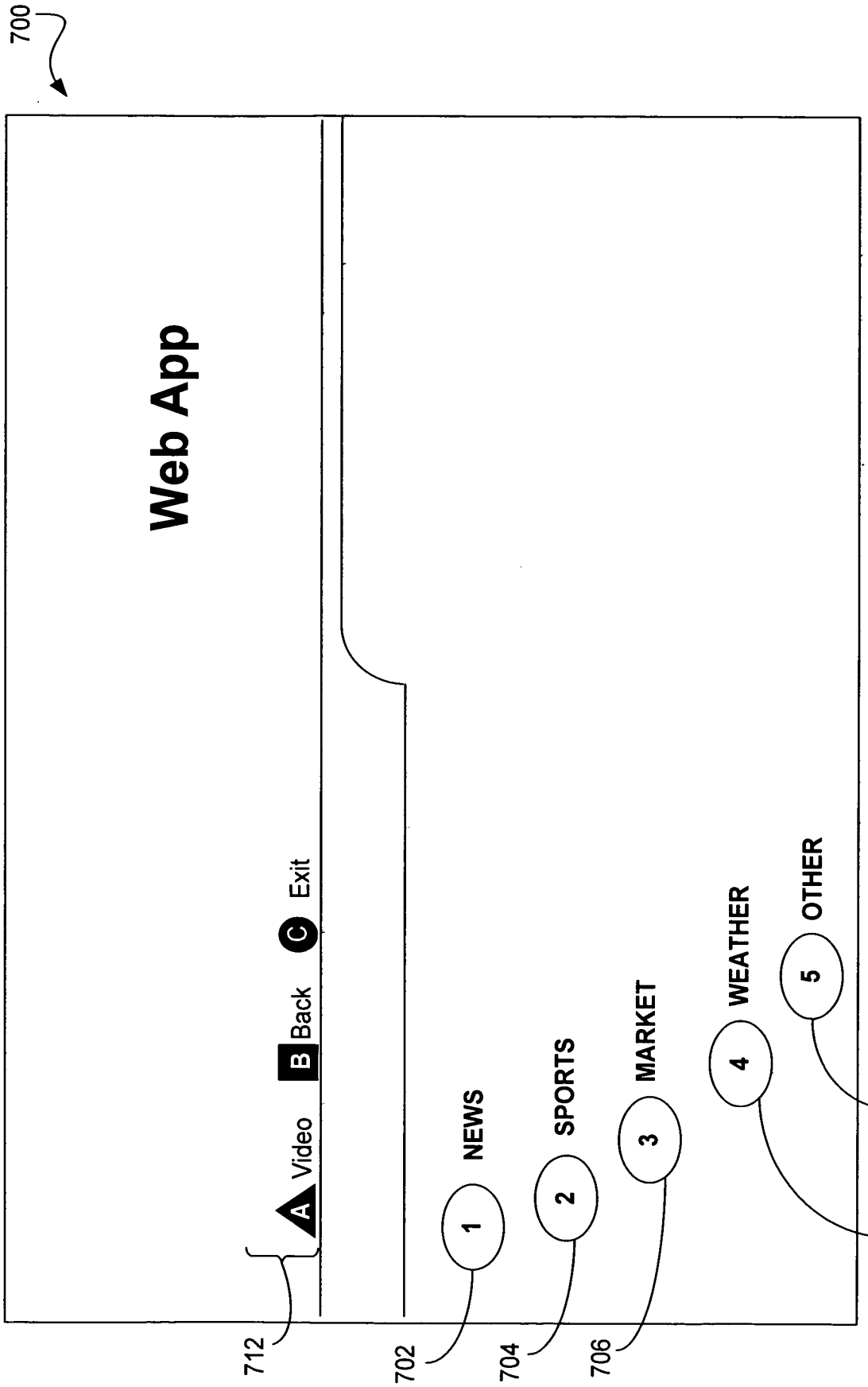

700
Web App
A Video
B Back
C Exit
1 NEWS
2 SPORTS
3 MARKET
4 WEATHER
5 OTHER
712
702
704
706
708
710

FIG. 7

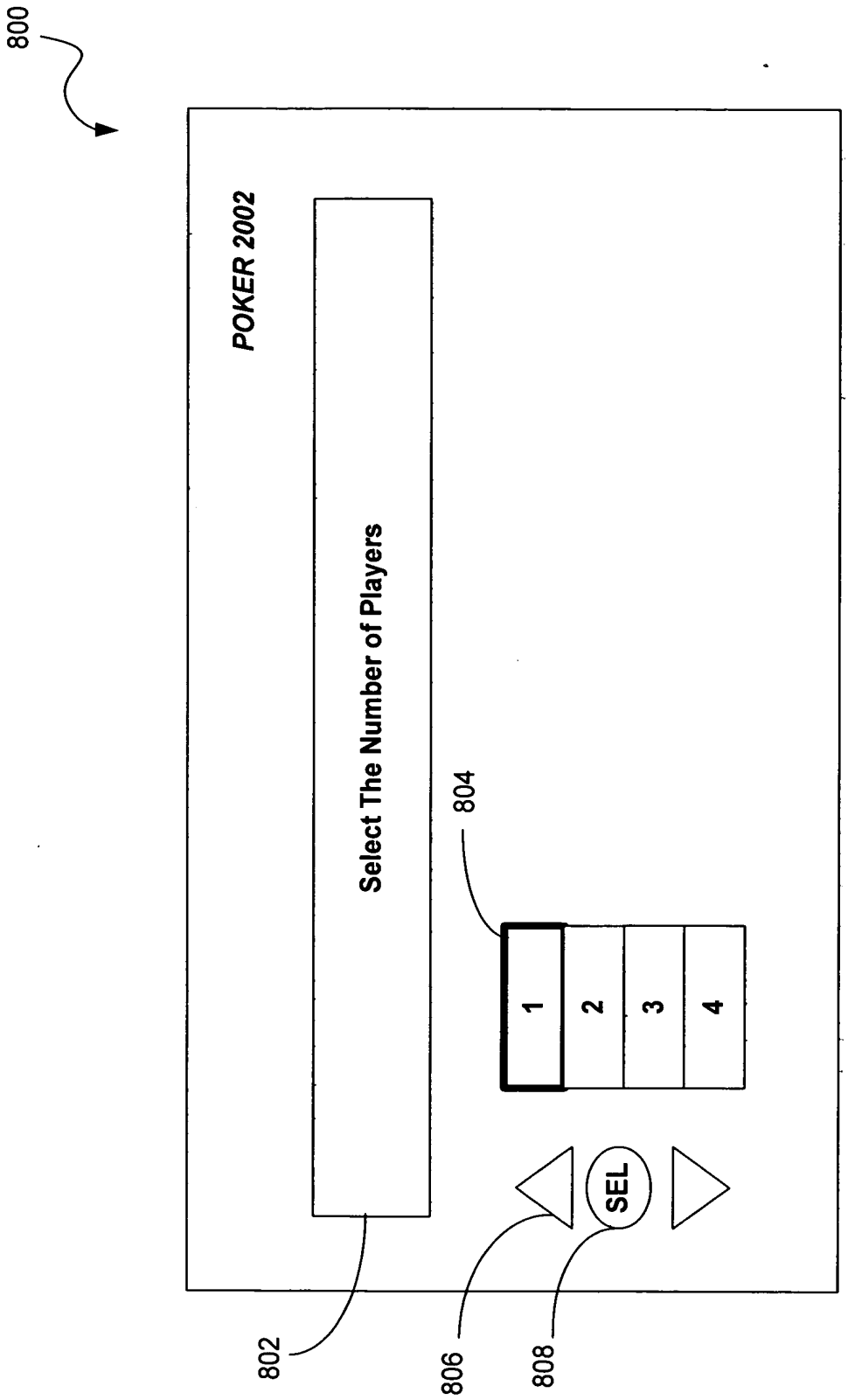

800
POKER 2002
Select The Number of Players
804
1
2
3
4
SEL
802
806
808

FIG. 8

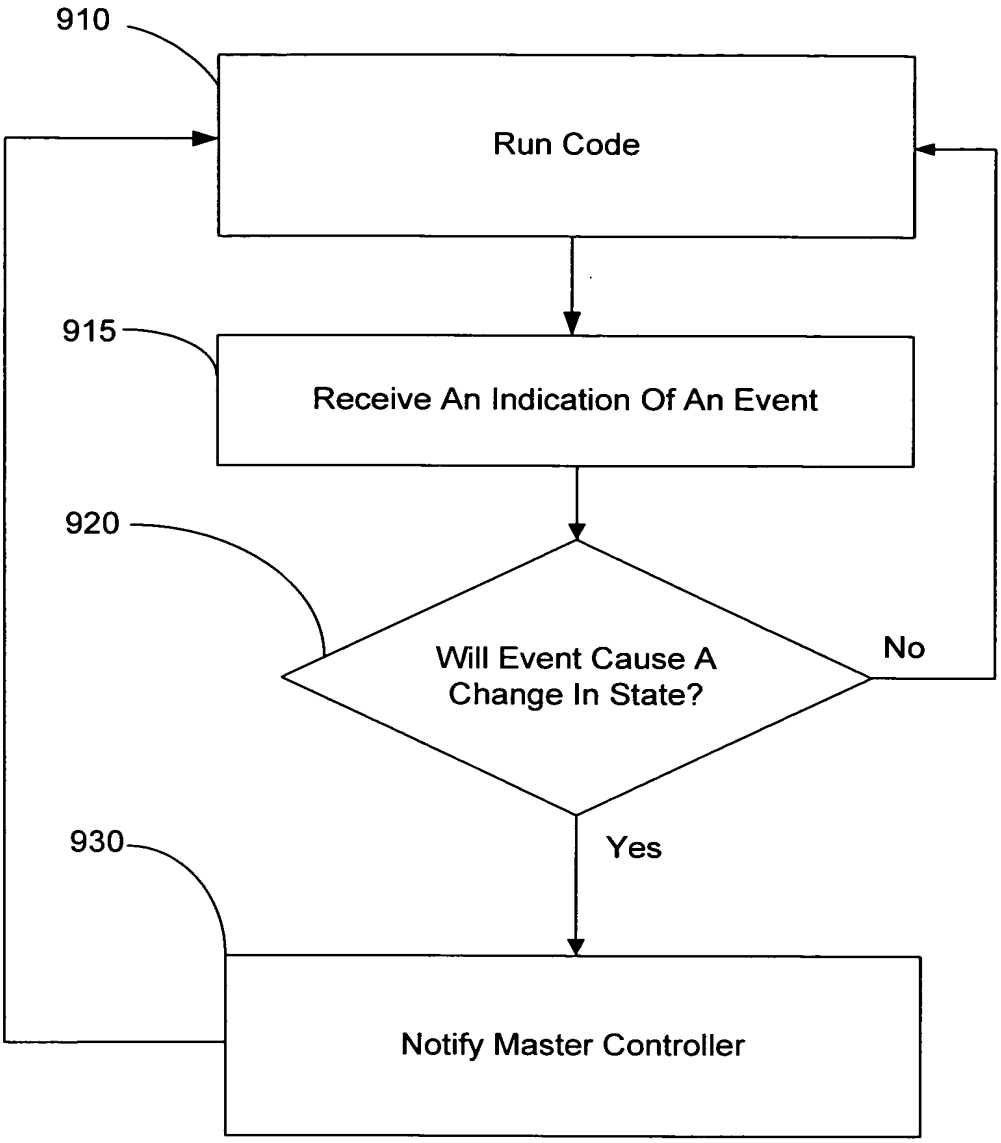

910
Run Code
915
Receive An Indication Of An Event
920
Will Event Cause A Change In State?
No
Yes
930
Notify Master Controller

FIG. 9A

```
void ctl_SetState (unsigned long theState, const Ctl_UnloadInfo * uio);     /* theState =  kCtl_Stateless or kCtl_Stateful */
```
940

FIG. 9B

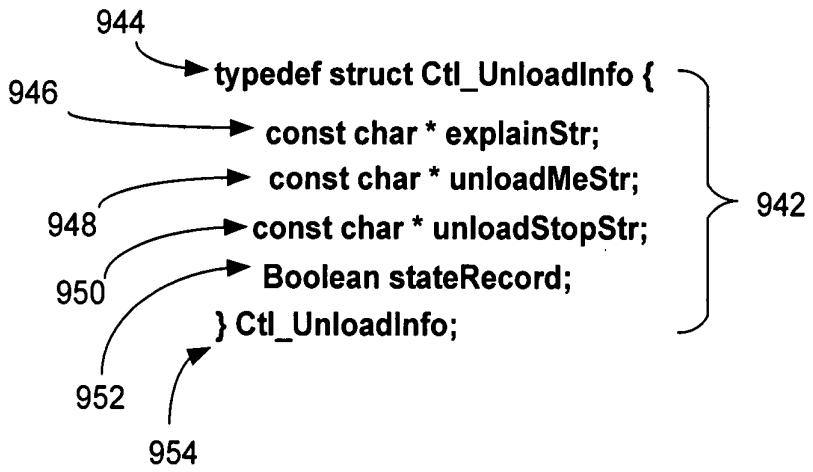


FIG. 9C

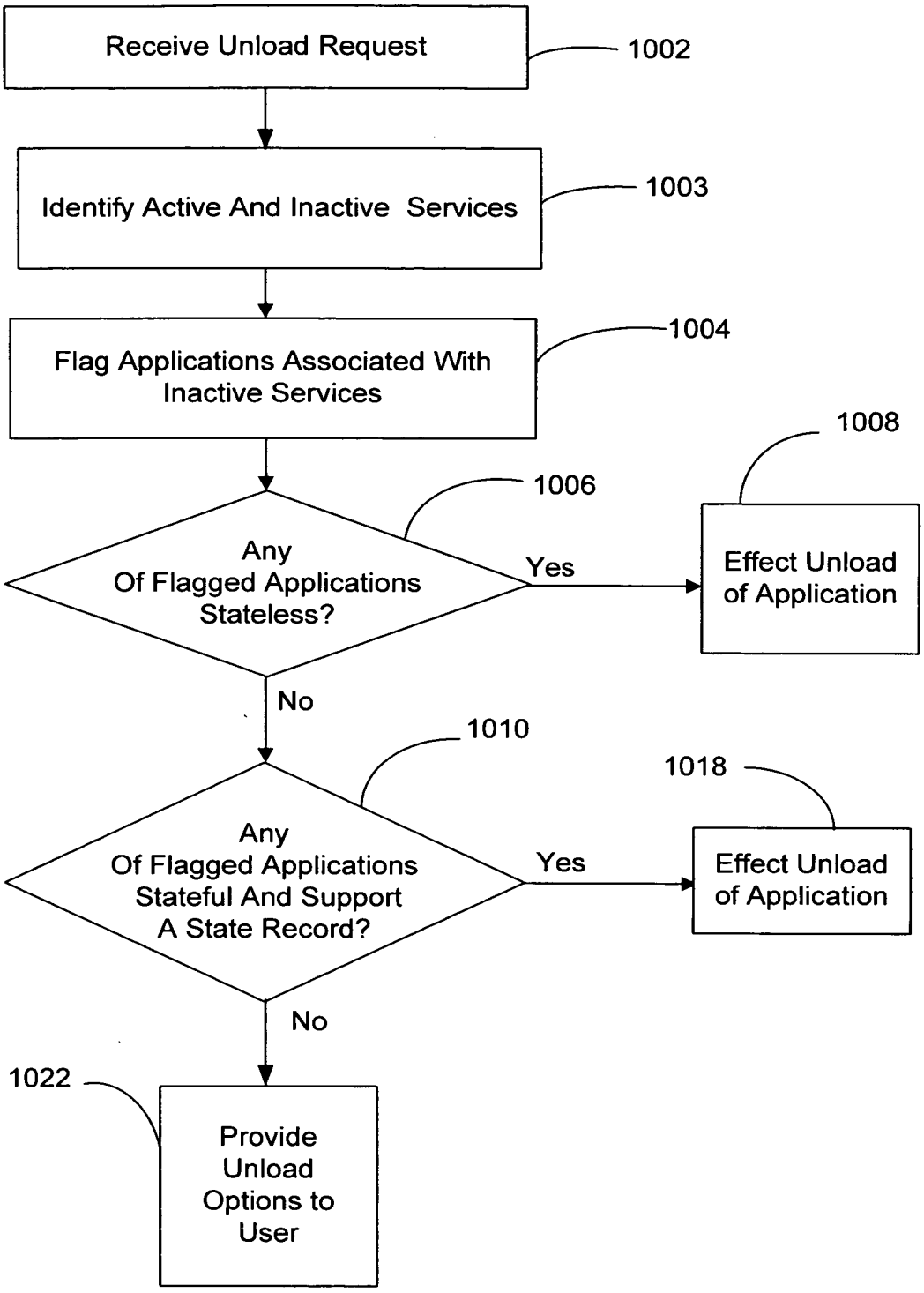

Receive Unload Request
1002
Identify Active And Inactive Services
1003
Flag Applications Associated With Inactive Services
1004
1008
1006
Any Of Flagged Applications Stateless?
Yes
Effect Unload of Application
No
1010
1018
Any Of Flagged Applications Stateful And Support A State Record?
Yes
Effect Unload of Application
No
1022
Provide Unload Options to User

FIG. 10A

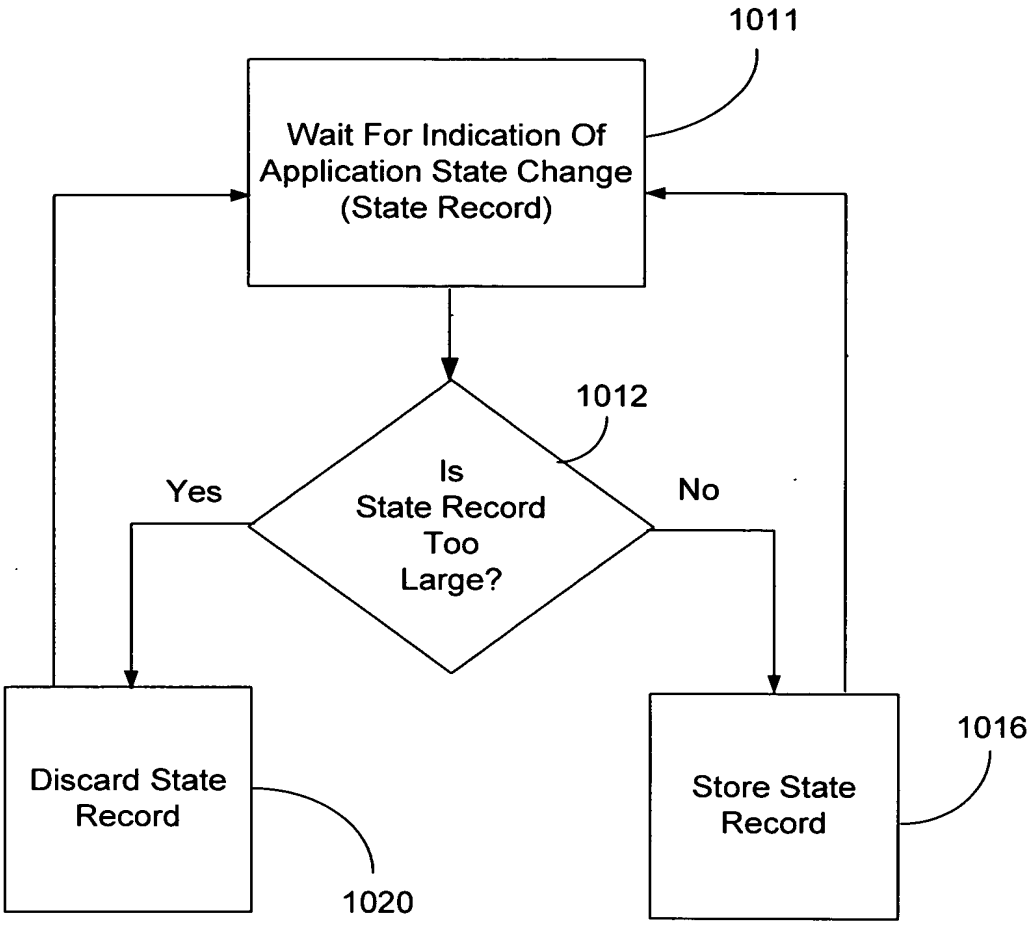

1011
Wait For Indication Of Application State Change (State Record)
1012
Is State Record Too Large?
Yes
No
Discard State Record
1020
Store State Record
1016

FIG. 10B

FIG. 10C

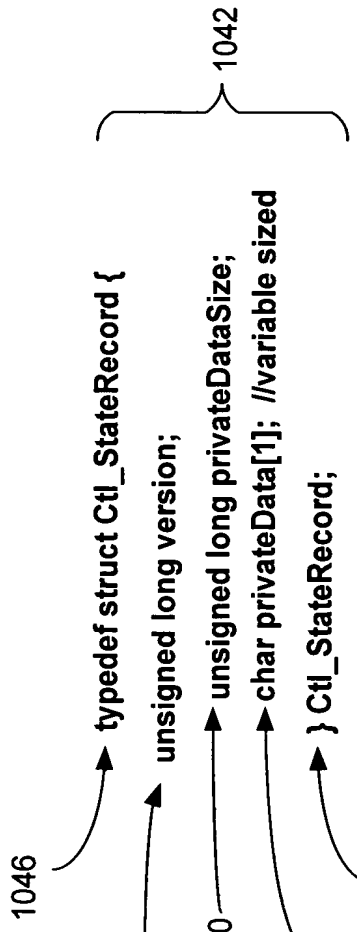


FIG. 10D

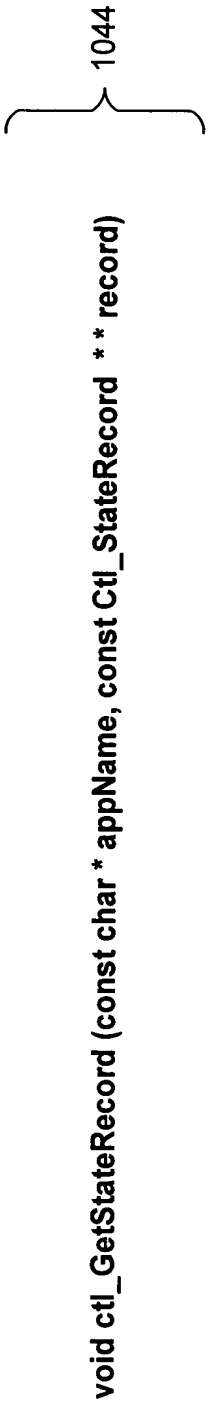

1044
void ctl_GetStateRecord (const char * appName, const Ctl_StateRecord * * record)

FIG. 10E

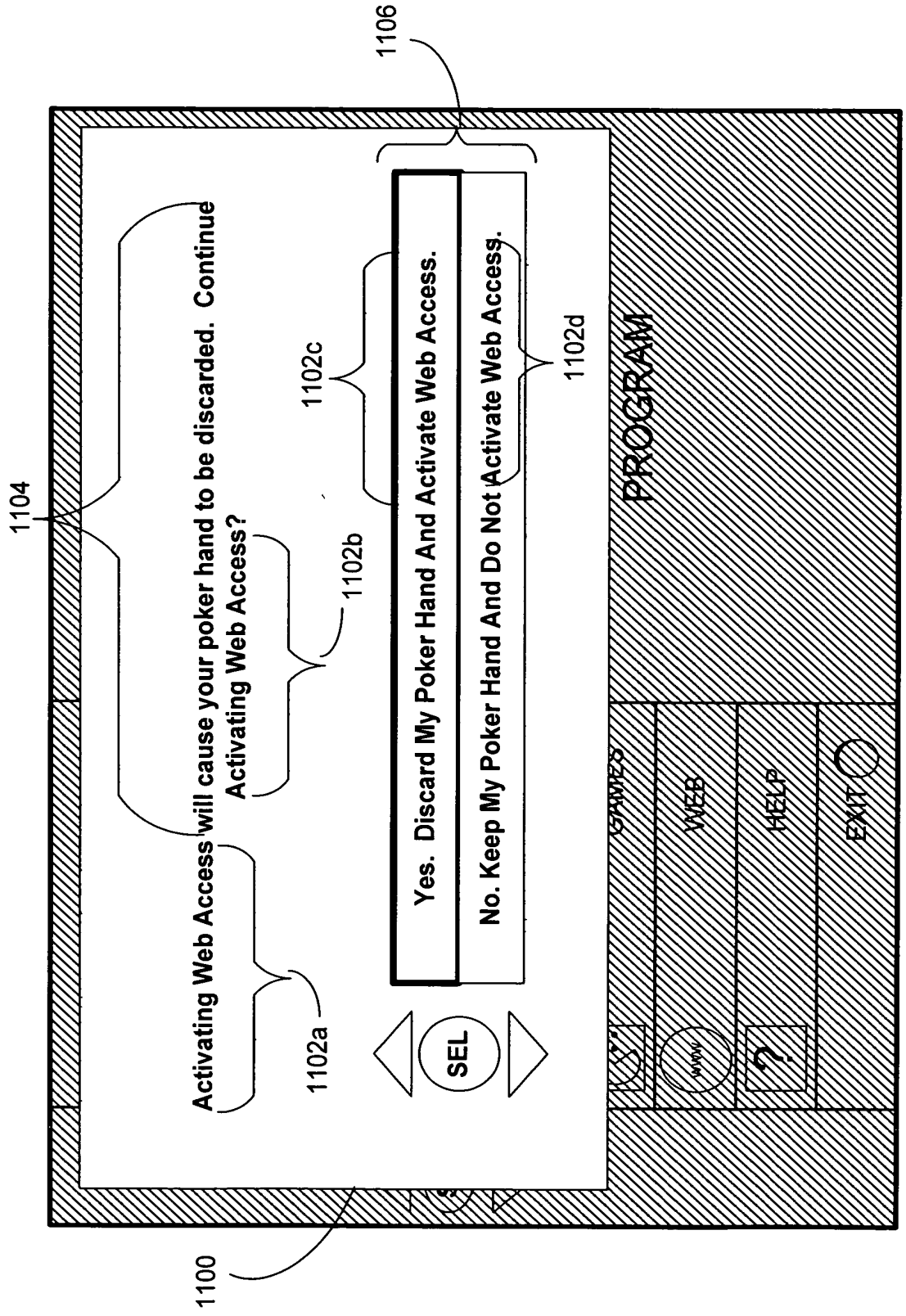

1106
1104
1102c
1102b
1102d
1102a
1100
Activating Web Access will cause your poker hand to be discarded. Continue Activating Web Access?
Yes. Discard My Poker Hand And Activate Web Access.
No. Keep My Poker Hand And Do Not Activate Web Access.
SEL
PROGRAM
GAMES
WEB
HELP
EXIT

FIG. 11